Abstract of the Disclosure

The present invention relates to an annular sliding fluoroplastics member (1) which is requested to have good mechanical properties, resistance to abrasion and wear, thermal conductivity, heat resistance, and the like, and also to a method of producing such an annular sliding fluoroplastics member (1). The annular sliding fluoroplastics member (1) of the invention has a composite structure which mainly consists of fluorine plastics and short fibers (2), and 20 or more wt.% of short fibers by weight of a total amount of the short fibers (2) are oriented in a direction along which a burden of a load is large. According to this configuration, the buckling resistance and the pressure resistance are enhanced. A member having a high buckling resistance can be used in a thrust slide bearing or a thrust washer in which a large press load is applied in the axial direction, and a member having a high pressure resistance can be used in a radial slide bearing in which a large press load is applied in a radial direction. In some cases, in the annular sliding fluoroplastics member (1) of the invention, filaments (9) consisting of long fibers may be stitched to the inner peripheral face or the like, the surface is covered with an expanded graphite sheet (11, 13), or the member is impregnated with a lubricant (15). The member having such a structure is excellent in buckling resistance and pressure resistance in a radial direction, and also in

resistance to abrasion and wear, thermal conductivity, etc. According to the production method of the invention, a cutting work step can be omitted, and therefore materials can be prevented from being wastefully used, and the production cost can be reduced.